

# Recovery Plan Action Status

Plan Name: Jesup's Milk-vetch

Plan Status: Final

Plan Date: 21-Nov-89

Lead Agency: USFWS

Lead Office: New England Ecological Services Field Office

(2603)

223-2541 )

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	1	1	Protect essential habitat	Discontinued	FY 2000 - FY 2004		USFWS Regional Office 5, State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program, Private Organizations	Work type not yet selected	Labor type not yet selected	Conservation easements, acquisition
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	2	10	Identify available habitat	Ongoing Current	Prior to FY 1995	FY 2012	State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program	Acquisition: Easement, Acquisition: Management Agreement	Contract	NHFG has contracted surveys to locate another site for introduction of a fifth population if the newly introduced site continues to demonstrate that plants can be successfully relocated.
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	1	11	Monitor existing population levels	Ongoing Current	Prior to FY 1995		USFWS Regional Office 5, State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program, Private Organizations	Research: Population Surveys	Labor type not yet selected	
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	3	12	Conduct demographic studies	Ongoing Current	FY 1995 - FY 1999		USFWS Regional Office 5, State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program, Private Organizations	Work type not yet selected	Labor type not yet selected	

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Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	2	13	Conduct life history studies	Ongoing Current	Prior to FY 1995		USFWS Regional Office 5, State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program, Private Organizations	Work type not yet selected	Labor type not yet selected	
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	2	14	Determine minimum viable population	Not Started			USFWS Regional Office 5, State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program, Private Organizations	Work type not yet selected	Labor type not yet selected	
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	3	15	Develop and initiate management plans	Ongoing Not Current	FY 2000 - FY 2004		State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program, Private Organizations	Work type not yet selected	Labor type not yet selected	
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	3	16	Propagate seeds	Ongoing Current	FY 1995 - FY 1999	FY 2011	USFWS Regional Office 5, Private Organizations	Management: Reintroduction	Contract	
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	3	17	Establish and manage new populations	Ongoing Current	FY 2009		USFWS Regional Office 5, State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program, Private Organizations	Management: Habitat Maintenance and Manipulation, Management: Population Monitoring, Management: Propagation, Other, Research: Reintroduction	Internal Technical Assistance, Species Expert	
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	1	2	Ensure continuation of river dynamics	Obsolete			U.S. Army Corps of Engineers, USFWS Regional Office 5	Work type not yet selected	Labor type not yet selected	

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Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	3	3	Encourage cooperation among public and private agencies	Ongoing Current	Prior to FY 1995		USFWS Regional Office 5, State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program, Private Organizations	Work type not yet selected	Labor type not yet selected	
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	3	4	Initiate information and education activities	Not Started			USFWS Regional Office 5, State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program	Work type not yet selected	Labor type not yet selected	
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	2	5	Continue current field surveys	Partially Complete	FY 2000 - FY 2004		USFWS Regional Office 5, State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program	Management: Population Monitoring, Management: Reintroduction, Research: Demographic Studies, Research: Ecosystem Studies, Research: General, Research: Habitat Requirements, Research: Habitat Status, Research: Population Assessment, Research: Population Surveys	Contract, Internal Technical Assistance, Species Expert	

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Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	2	6	Expand survey effort	Ongoing Current	FY 2000 - FY 2004	FY 2012	USFWS Regional Office 5, State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program	Management: Population Monitoring, Research: Habitat Status, Research: Population Surveys	Contract, Species Expert	Surveys for possible new populations as well as potential introduction sites were completed in FY06 and may be reviewed and resurveyed in the near future. Surveys were reinitiated in FY 2010 and will continue in FY2011. Due to changing river dynamics (recent repeated flood events in 2007 and 2009), possible impacts of climate change and other land use changes, it is possible that suitable, unoccupied habitat exists as well as small, undiscovered populations, hence the repeat of surveys in 2010 and 2011.
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	2	7	Assess habitat requirements	Ongoing Current	FY 2007	FY 2010	USFWS Regional Office 5, State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program, Private Organizations	Work type not yet selected	Labor type not yet selected	Microhabitat parameters investigations were initiated in FY07 and expected to be completed by FY09.
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	2	8	Research ecological role of river	Discontinued	FY 1995 - FY 1999	FY 2000 - FY 2004	USFWS Regional Office 5, State Agencies, including the New Hampshire Natural Heritage Inventory and the Vermont Natural Heritage Program, Private Organizations	Work type not yet selected	Labor type not yet selected	
Jesup's milk-vetch (Astragalus robbinsii var. jesupi)	3	9	Assess historical river dynamics	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	USFWS Regional Office 5, Private Organizations	Work type not yet selected	Labor type not yet selected	